



- NOTES:

1. STUB OUT 1 1/2" POWER SERVICE INTO TYPE I POLYMER CONCRETE JUNCTION BOX.
2. CONDUIT LOCATIONS SHOWN ARE FOR A SQUARE D TYPE D SAFETY SWITCH, CATALOG # D221NRB.
3. INSTALL POLYMER CONCRETE JUNCTION BOXES AS PER STD DWG AT 7.
4. INSTALL ALL CONDUITS IN TOWER BASE CONCRETE TO PERMIT CONTINUATION TO RWIS ENCLOSURE.
5. STUB OUT 2" CONDUIT FROM POLYMER CONCRETE JUNCTION BOX TO BEYOND SERVICE PAD FOR SENSOR CABLES. ORIENT TOWARD NEXT JUNCTION BOX AS APPROPRIATE.
6. CONCRETE, MINIMUM CLASS AA(AE).
7. ALL SENSOR CABLES INSTALLED TO POLYMER CONCRETE JUNCTION BOX AND PULLED THROUGH 2" DIAMETER, 24" RADIUS, 90 DEGREE SWEEP FACTORY CONDUIT INTO RWIS ENCLOSURE.
8. LEVEL THE TOP OF THE TOWER BASE SECTION TO ASSURE A STRAIGHT AND PLUMB TOWER INSTALLATION. THE TOP OF THE TOWER BASE SECTION MUST BE 9" ABOVE THE CONCRETE SERVICE PAD.
9. FINISH CONCRETE TO DRAIN WATER.
10. THE FORM DETAIL SHOWN IS TYPICAL FOR A FLAT SURFACE INSTALLATION. MODIFY AS APPROPRIATE FOR FIELD CONDITIONS.
11. SCORE CONCRETE FROM THE CORNER OF THE BOX TO THE CORNER OF THE CONCRETE FOR AN EXPANSION JOINT.

REVISIONS				
			S.S.	REVISED NOTES AND DETAIL TITLES, TITLE CHANGED.
1	2/24/05			
2	12/20/06	TJM		REVISED NOTES AND DETAIL SPECS.
3	02/22/07	TJM		UPDATED DETAIL A, B, AND C. CHANGED INCHES TO FEET-INCHES, DELETED OLD NOTE 11 AND RENUMBERED. MODIFIED NOTE 11.
ND.	DATE	APPR.		REMARKS

UTAH DEPARTMENT OF TRANSPORTATION  
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
SALT LAKE CITY

~~SALEH LUKMAN, PUTAH~~

SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL

CHAIRMAN STANDARDS COMMITTEE

APPROVED 

DEPUTY DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_

RWIS TOWER BASE AND  
SERVICE PAD LAYOUT

STANDARD DRAWING TITLE

STD DWG  
AT 16

SUPPLEMENTAL DRAWING